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EXAMINER

FLANDERS, ANDREW C

ART UNIT

PAPER NUMBER

2615

DATE MAILED: 11/15/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/029,326

Applicant(s)

HAMEL, GREGORY ROGER

Examiner

Andrew C. Flanders

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 October 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Affidavit/Declaration under 37 CFR 1.131

The declaration filed on 19 October 2006 under 37 CFR 1.131 has been considered but is ineffective to overcome the Morohashi (U.S. 2005/0141367) and the Janik (U.S. 2002/0164973) references.

The evidence submitted is insufficient to establish diligence from a date prior to the date of reduction to practice of the Morohashi or Janik references to either a constructive reduction to practice or an actual reduction to practice.

The evidence submitted is insufficient to establish applicant's alleged actual reduction to practice of the invention in this country or a NAFTA or WTO member country after the effective date of the Morohashi and Janik references.

All of the evidence submitted is directed to a 'proposed concept' (see page 4 of the declaration under Section 5). Applicant has not shown a reduction to practice in the submitted declaration.

MPEP § 715.07 III states that there are three ways to show prior inventions:

(A) >(actual)< reduction to practice of the invention prior to the effective date of the reference; or

(B) conception of the invention prior to the effective date of the reference coupled with due diligence from prior to the reference date to a subsequent (actual) reduction to practice; or

(C) conception of the invention prior to the effective date of the reference coupled with due diligence from prior to the reference date to the filing date of the application (constructive reduction to practice).

Applicant has stated in the declaration that the invention was conceived prior to September 20th 2000, thus (A) is not applicable in this situation.

As to (B), the declaration fails to state any date or evidence that the invention was actually reduced to practice. Vague and general statements in broad terms about what the exhibits describe along with a general assertion that the exhibits describe a reduction to practice "amounts essentially to mere pleading, unsupported by proof or a showing of facts" and, thus, does not satisfy the requirements of 37 CFR 1.131(b). In re Borkowski, 505 F.2d 713, 184 USPQ 29 (CCPA 1974). All of the evidence submitted is directed to a 'proposed concept' (see page 4 of the declaration under Section 5).

Applicant has not shown a reduction to practice in the submitted declaration.

Further as to section (B), Applicant has not shown due diligence. A conception of an invention, though evidenced by disclosure, drawings, and even a model, is not a complete invention under the patent laws, and confers no rights on an inventor, and has no effect on a subsequently granted patent to another, UNLESS THE INVENTOR

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FOLLOWS IT WITH REASONABLE DILIGENCE BY SOME OTHER ACT, such as an actual reduction to practice or filing an application for a patent. *Automatic Weighing Mach. Co. v. Pneumatic Scale Corp.*, 166 F.2d 288, 1909 C.D. 498, 139 O.G. 991 (1st Cir. 1909).

Where conception occurs prior to the date of the reference, but reduction to practice is afterward, it is not enough merely to allege that applicant or patent owner had been diligent. *Ex parte Hunter*, 1889 C.D. 218, 49 O.G. 733 (Comm'r Pat. 1889). Rather, applicant must show evidence of facts establishing diligence.

Under 37 CFR 1.131, the critical period in which diligence must be shown begins just prior to the effective date of the reference or activity and ends with the date of a reduction to practice, either actual or constructive (i.e., filing a United States patent application).

In the instant declaration, Applicant has merely alleged due diligence in a conclusory statement in section 3 and has not provided any evidence of due diligence, contrary to that required as stated by the MPEP above.

An applicant must account for the entire period during which diligence is required. *Gould v. Schawlow*, 363 F.2d 908, 919, 150 USPQ 634, 643 (CCPA 1966).

The instant declaration does not account for any of the time period from conception to filing.

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As to (C), which appears to apply best in the instant declaration, due diligence must be shown from the time the invention is conceived to the time the application is filed.

In the instant application, roughly fifteen months passed from the time the invention is said to have been conceived until the application was filed. MPEP § 2138.06 discusses the diligence required in the preparation and filing of an application. Fifteen months does not appear to be reasonable in view of this section nor does Applicant provide evidence of diligence otherwise.

As a result of the above, the Declaration is not persuasive and will not be entered.

Claim Objections

Claim 7 objected to because of the following informalities: Claim 7 as amended reads "that is covered by the one or more speakers exposed upon..." which should apparently read "that is covered by the one or more speakers and is exposed upon...". For the purpose of expediting prosecution the claim will be read in this manner. Appropriate correction is required.

Claims 21 and 22 objected to because of the following informalities: Claims 21 and 22 as amended read "functions as an audio file..." which should apparently read

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"functions to serve an audio file". For the purpose of expediting prosecution the claim will be read in this manner. Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1 – 6, 23 and 24 are rejected under 35 U.S.C. 102(e) as being anticipated by Morohashi (U.S. Patent Application Publication 2005/0141367).

Regarding **Claim 1**, Morohashi discloses:

An audio storage and reproducing apparatus (Fig. 5) comprising:

a storage medium for storing one or more encoded audio data files (Fig. 5 element 106)

a data expander coupled to the storage medium for decoding the one or more encoded audio data files (Fig. 5 element 115);

an audio output adapted to produce audio corresponding to an encoded audio data file that has been decoded by the data expander (Fig. 5 elements 116, 117 and 118);

a personal computer network interface (Fig. 5 element 101) adapted to facilitate transfer of encoded audio files to an external storage device on a network (the compressed musical data moved to the portable recording and playback apparatus can be returned back to the recording medium serving as a move source, that is, the HDD employed in the music server; paragraph 89; the music server 50 being connected to a network such as the internet; Fig. 1 elements 50 60 and 61)

a personal computer bus providing a shared common pathway for transmitting data directly between the storage medium and the data expander and the audio output the network interface (Fig. 5 element 130).

Regarding **Claim 2**, in addition to the elements stated above regarding claim 1, Morohashi further discloses:

wherein the storage medium comprises a hard disk drive (paragraph 86).

Regarding **Claim 3**, in addition to the elements stated above regarding claim 1, Morohashi further discloses:

wherein the storage medium comprises a flash memory device (paragraph 86).

Regarding **Claim 4**, in addition to the elements stated above regarding claim 1, Morohashi further discloses:

wherein the audio output includes one or more speakers (paragraph 91)

Regarding **Claim 5**, in addition to the elements stated above regarding claim 1, Morohashi further discloses:

an amplifier to process an encoded audio data file that has been decoded by the data expander for transmission through the audio output (Fig. 5 element 117).

Regarding **Claim 6**, in addition to the elements stated above regarding claim 1, Morohashi further discloses:

wherein the one or more speakers can be selectively detached from said apparatus (paragraph 91).

Regarding **Claim 23**, in addition to the elements stated above regarding claim 1, Morohashi further disclose:

wherein the personal computer bus is a parallel bus connected to the storage medium, the data expander, the audio output and the network interface (Fig. 5 element 13).

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Regarding **Claim 24**, in addition to the elements stated above regarding claim 1, Morohashi further disclose:

a central processing unit connected to the personal computer bus in parallel with the data expander (Fig. 5 elements 105, 115 and 130).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over Morohashi (U.S. Patent Application Publication 2005/0141367).

Regarding **Claim 9**, in addition to the elements stated above regarding claim 1, Morohashi fails to explicitly disclose that the connection line 71 in Fig. 1 which is represented by element 110 in Fig. 5 is a personal computer network interface including an Ethernet port.

However, Examiner takes official notice that using Ethernet ports for the purpose of transferring data is notoriously well known in the art.

It would have been obvious to one of ordinary skill in the art to adapt the communication element of Morohashi to function as an Ethernet port thus reading upon the limitation of wherein the personal computer network interface includes an Ethernet port. Morohashi discloses that various connections can be used for the connection line in paragraph 40. One would have been motivated to use the Ethernet port in order to create a connection that is widely used and thus compatible with many various end user devices.

Claims 7, 8 and 10 – 22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Morohashi (U.S. Patent Application Publication 2005/0141367) in view of Janik (U.S. Patent Application Publication 2002/0164973).

Regarding **Claim 7**, in addition to the elements stated above regarding claim 6, Morohashi further discloses:

wherein the audio output further includes a terminal that is covered by the one or more speakers and is exposed upon detachment of the one or more speakers (as is noted above and in paragraph 91, headphones and speakers can be mounted to the device; removing them from this mounting thus causes a terminal to be exposed).

Morohashi fails to explicitly disclose that upon detachment of the one or more speakers the device is adapted to be coupled to an audio input of a vehicle audio system.

Janik discloses a storage and datalink unit (Fig. 3 element 14) which is similar to that of the portable unit disclosed in Fig. 5 of Morohashi. Janik goes on to disclose that the data link may be locked onto the vehicle dock using two attachment latched in paragraph 52. Morohashi discloses that the portable device can be adapted to mount to the server device; paragraph 84.

It would have been obvious to modify the mounting means of Morohashi to function as the storage and datalink unit of Janik thus adapting it to be attached to a vehicle. This modification reads upon the limitation of upon detachment of the one or more speakers the device is adapted to be coupled to an audio input of a vehicle audio system.

The motivation behind such a combination would be to allow users to access their music by the use of the same play list structure in the home and in the automobile. Additionally, users who amass a large quantity of digital audio files often have a desire to listen to those audio files other than at the PC, such as in a vehicle; see the above in paragraphs 10 – 14 of Janik.

Regarding **Claim 8**, in addition to the elements stated above regarding claim 1 and 7, the combination made and disclosed in the rejection of claim 7 further discloses:

wherein the audio output is adapted to be coupled to an audio input of a vehicle audio system (i.e. the audio signal output 286 of Fig. 3 of Janik is replaced by the output in Fig. 5 of Morohashi.)

Regarding **Claim 10**, in addition to the elements stated above regarding claim 1 and 7, the combination made and disclosed in the rejection of claim 7 further discloses:

one or more fasteners adapted to cooperate with structural members of a vehicle audio system to allow rapid connection and disconnection of said apparatus to the vehicle audio system (paragraph 52 of Janik and paragraph 84 of Morohashi in the combination).

Regarding **Claim 11**, Morohashi discloses:

An audio storage and reproducing apparatus (Fig. 5) comprising:

storage means for storing one or more encoded audio data files (Fig. 5 element 106);

data expansion means coupled to the storage means for decoding the one or more encoded audio data files (Fig. 5 elements 115);

audio output means for producing audio corresponding to an encoded audio data file that has been decoded by the data expansion means (Fig. 5 elements 116, 117 and 118);

a personal computer network interface providing transfer of encoded audio files from the storage means to an external device over the network (Fig. 5 element 101; the compressed musical data moved to the portable recording and playback apparatus can be returned back to the recording medium serving as a move source, that is, the HDD employed in the music server; paragraph 89; the music server 50 being connected to a network such as the internet; Fig. 1 elements 50 60 and 61); and

a personal computer bus for transmitting data between the storage means and the data expansion means and the audio output means and the network interface (Fig. 5 element 130).

Morohashi fails to explicitly disclose the audio storage and reproducing apparatus is for connection to a vehicle and a computer network and providing local playback of decoded audio files over the network without the need to copy the encoded audio data files to the external device.

Janik discloses a storage and datalink unit (Fig. 3 element 14) which is similar to that of the portable unit disclosed in Fig. 5 of Morohashi. Janik goes on to disclose that the data link may be locked onto the vehicle dock using two attachment latched in paragraph 52. Morohashi discloses that the portable device can be adapted to mount to the server device; paragraph 84.

It would have been obvious to modify the mounting means of Morohashi to function as the storage and datalink unit of Janik thus adapting it to be attached to a vehicle. This modification reads upon the limitation the audio storage and reproducing apparatus for connection to a vehicle.

The motivation behind such a combination would be to allow users to access their music by the use of the same play list structure in the home and in the automobile. Additionally, users who amass a large quantity of digital audio files often have a desire to listen to those audio files other than at the PC, such as in a vehicle; see the above in paragraphs 10 – 14 of Janik.

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Furthermore, Janik's storage and data link unit includes a wireless LAN; Fig. 3. This wireless LAN operates on the TCP/IP standard; paragraph 31. It would have been obvious to add a wireless LAN as taught by Janik to the portable player of Morohashi. One would have been motivated to do so to create a device that provides a system that involves wireless communication and information transfer between the internet and home PC and the local area network based automotive storage and playback system which is under the direct control of the user; paragraph 46 of Janik.

Modifying Morohashi to include the wireless LAN operating under the TCP/IP standard thus makes it able to connect to other computers on a WAN or LAN. Connecting Morohashi to a LAN allows for the sharing of files and remote playback over a LAN without storage of files (i.e. streaming music; this is a well known implementation as shown in Fig. 7 of Stern US 6,539,417).

This modification thus reads upon the limitations of connection to a computer network and providing local playback of decoded audio files over the network without the need to copy the encoded audio data files to the external device.

Regarding **Claim 12**, in addition to the elements stated above regarding claim 11, the combination further discloses:

wherein the audio output includes one or more speakers (paragraph 91 in Morohashi)

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Regarding **Claim 13**, in addition to the elements stated above regarding claim 11, the combination further discloses:

an amplifier to process an encoded audio data file that has been decoded by the data expander for transmission through the audio output (Fig. 5 element 117 in Morohashi).

Regarding **Claim 14**, in addition to the elements stated above regarding claim 11, the combination further discloses:

wherein the audio output is adapted to be coupled to an audio input of a vehicle audio system (i.e. the audio signal output 286 of Fig. 3 of Janik is replaced by the output in Fig. 5 of Morohashi.)

Regarding **Claim 15**, Morohashi discloses:

An audio storage and reproducing apparatus capable of operation as a standalone audio player (Fig. 5) comprising:

a storage medium for storing one or more encoded audio data files (Fig. 5 element 106);

a data expander coupled to the storage medium for decoding the one or more encoded audio data files (Fig. 5 element 115);

an input key operable connected to the data expander (Fig. 5 element 102);

an audio output adapted to produce audio corresponding to an encoded audio data file that has been decoded by the data expander (Fig. 1 elements 116, 117 and 118);

Morohashi does not explicitly disclose that the apparatus is capable of selective operation as an addressable member of a wide or local area computer network and an in-vehicle audio player;

a network protocol adapted to allow other members of said network to access the storage medium when said apparatus is operating as an addressable member of a computer network and having a network address;

a network interface adapted to operable connect said apparatus to said network, said apparatus functioning as a server on the computer network to transmit data to another device over the computer network; or

one or more fasteners adapted to cooperate with structural members of a vehicle audio system to allow rapid connection and disconnection of said apparatus to the vehicle operating system.

Janik discloses a storage and datalink unit (Fig. 3 element 14) which is similar to that of the portable unit disclosed in Fig. 5 of Morohashi. Janik goes on to disclose that the data link may be locked onto the vehicle dock using two attachment latched in paragraph 52. Morohashi discloses that the portable device can be adapted to mount to the server device; paragraph 84.

It would have been obvious to modify the mounting means of Morohashi to function as the storage and datalink unit of Janik thus adapting it to be attached to a

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vehicle. This modification reads upon the limitations of the apparatus capable of selective operation as an in-vehicle audio player and one or more fasteners adapted to cooperate with structural members of a vehicle audio system to allow rapid connection and disconnection of said apparatus to the vehicle operating system.

The motivation behind such a combination would be to allow users to access their music by the use of the same play list structure in the home and in the automobile. Additionally, users who amass a large quantity of digital audio files often have a desire to listen to those audio files other than at the PC, such as in a vehicle; see the above in paragraphs 10 – 14 of Janik.

Furthermore, Janik's storage and data link unit includes a wireless LAN; Fig. 3. This wireless LAN operates on the TCP/IP standard; paragraph 31. It would have been obvious to add a wireless LAN as taught by Janik to the portable player of Morohashi. One would have been motivated to do so to create a device that provides a system that involves wireless communication and information transfer between the internet and home PC and the local area network based automotive storage and playback system which is under the direct control of the user; paragraph 46 of Janik.

Modifying Morohashi to include the wireless LAN operating under the TCP/IP standard thus makes it able to connect to other computers on a WAN or LAN. Connecting Morohashi to a LAN allows for the sharing of files and remote playback over a LAN without storage of files (i.e. streaming music; this is a well known implementation as shown in Fig. 7 of Stern US 6,539,417).

This modification thus reads upon the limitations of a network protocol adapted to allow other members of said network to access the storage medium when said apparatus is operating as an addressable member of a computer network and having a network address (i.e. the TCP/IP protocol of Janik);

a network interface adapted to operable connect said apparatus to said network, said apparatus functioning as a server on the computer network to transmit data to another device over the computer network (the wireless LAN of Janik and element 101 Fig. 5 of Morohashi).

Regarding **Claim 16**, in addition to the elements stated above regarding claim 15, the combination further discloses:

wherein the storage medium comprises a hard disk drive (paragraph 86 in Morohashi).

Regarding **Claim 17**, in addition to the elements stated above regarding claim 15, the combination further discloses:

wherein the storage medium comprises a flash memory device (paragraph 86 in Morohashi).

Regarding **Claim 18**, in addition to the elements stated above regarding claim 15, the combination further discloses:

wherein the audio output includes one or more speakers, a headphone jack (paragraph 91 in Morohashi), and a connector for coupling the audio output to an audio input of a vehicle audio system (i.e. the audio signal output 286 of Fig. 3 of Janik is replaced by the output in Fig. 5 of Morohashi.).

Regarding **Claim 19**, in addition to the elements stated above regarding claim 18, the combination further discloses:

wherein the one or more speakers can be selectively detached from said apparatus (paragraph 91 of Morohashi).

Regarding **Claim 20**, in addition to the elements stated above regarding claim 18, the combination further discloses:

a rechargeable power supply (Fig. 3 element 122 of Janik).

Regarding **Claims 21 and 22**, in addition to the elements stated above regarding claims 1 and 11, the combination of Morohashi in view of Janik as shown and made in the rejection of claim 15 further discloses:

wherein said apparatus functions to serve an audio file on a wide or local area network.

Janik's storage and data link unit includes a wireless LAN; Fig. 3. This wireless LAN operates on the TCP/IP standard; paragraph 31. It would have been obvious to add a wireless LAN as taught by Janik to the portable player of Morohashi. One would

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have been motivated to do so to create a device that provides a system that involves wireless communication and information transfer between the internet and home PC and the local area network based automotive storage and playback system which is under the direct control of the user; paragraph 46 of Janik.

Modifying Morohashi to include the wireless LAN operating under the TCP/IP standard thus makes it able to connect to other computers on a WAN or LAN. Connecting Morohashi to a LAN allows for the sharing of files and remote playback over a LAN without storage of files (i.e. streaming music; this is a well known implementation as shown in Fig. 7 of Stern US 6,539,417).

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew C. Flanders whose telephone number is (571) 272-7516. The examiner can normally be reached on M-F 8:30 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sinh Tran can be reached on (571) 272-7546. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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SINH TRAN
SUPERVISORY PATENT EXAMINER